

**METHOD AND SYSTEM FOR MANAGING A TESTING TASK**  
**ABSTRACT OF THE INVENTION**

A method and system for managing a testing task are disclosed. A plurality of test cases to run is received. Each test case includes a plurality of requirements for running the respective test case. An identification of a group of available test systems on which to run the test cases is received. For each test case, a list of applicable test systems from the group that satisfy the requirements of the respective test case is determined. Test cases are automatically selected and started to run based on each respective list and the available test systems so that as many test cases as possible are run in parallel. When any test case finishes running and releases a test system to the group of available test systems, an additional test case is automatically selected and started to run if possible based on the respective list and the available test systems.